

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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							Attorney D	ocket No.	219.40000X			요 .	
UTILITY PATENT APPLICATION				First Inven	tor	BROILI, BEN M.							
<u> 010</u>		ANSN					Title	HEAT SINKS	AND METHOD	OF FO	RMATION	U.S.	
(Only fo	r new nonprovision	al applica	ations ur	nder 3	37 CFR 1	.53(b))	Express N	ail Label No.				46	
	APPLICATION ELEMENTS					ADDRESS	TO: Box Pat	ent Appl		J1			
SE	E MPEP chapter 60)0 conce	erning u	<u>ıtility</u>	patent a	pplication o	ontents.		wasnin	gton, DC	20231		
1. 🛛	Fee Transmittal (Submit en original and a	Form (e duplicate fo	g., PTC or fee proces)/SB/1 ising)	17)			Co	-ROM or CD-R in mputer Program (e and/or Amino Ad	Appendi	x)		
2. 📙	Applicant claims See 37 CFR 1.2		ntity sta	tus.				fif applica a. Cor	<i>ble, all necessary)</i> mputer Readable l) Form (C	RF)		
з. 🖾	Specification [Total Pages: 31] Specification Sequence Listing on: [Total Pages: 31] [Total Pages: 31] [Total Pages: 31] [Total Pages: 31] [Total Pages: 31]												
	-Descriptive title -Cross Referen	ce to Rel	lated Ap	plicat	tions			ii.	. D paper				
ļ	 Statement Reg Reference to s or a computer 	equence program	isting, listing a	a tabl	le,			c. 🔲 Sta	atements verifying	identity	of above copies		
ļ	 Background of Brief Summary 			1				A	ACCOMPANYIN	NG APF	PLICATION PARTS	3	
	-Brief Description -Detailed Description -Claim(s)	on of the	Drawing	gs (if t	filed)			9. 🗌 As	signment Papers	(cover s	heet & documents(s))		
	-Abstract of the	Disclosi	ure						CFR 3.73(b) Stat		Power of Atto	rney	
4. 🛛	Drawing(s) (35	U.S.C. 1	113)	[7	Total Pag	ges: 17]		· — `	nglish Translation I	-			
5. Òat a	h or Declaration Newly execut	ed (origir	nal or co	•	Total Pag	ges:]		formation Disclosu atement (IDS)/PT0		Copies of IDS	S Citation	ns
b	Copy from a p	orior appl ation/divi	lication ((37 Cl vith Bo	FR 1.63 (ox 18 con	(d)) npleted)		K-21	eliminary Amendn eturn Receipt Post		PEP 503)		
3	i. DELE	TION	OF IN	VEN	TOR(S	S)		(S	hould be specificated entified Copy of Pri	ally itemi	zed)		
	Signed Named	stateme in the p t	ent attac	nea a licatio	n, see 37	ventor(s) 7 CFR		(if	foreign priority is	claimed)			
<u> </u>	1	(2) and		7 CEI	2 1 76			(b	onpublication Req)(2)(B)(i). Applica its equivalent.	nt must	ler 35 U.S.C. 122 attach form PTO/SB/	35	
8.	6. Application Data Sheet. See 37 CFR 1.76					17. Other: Credit Card Payment Form							
18. If	a CONTINUING	APPLI	CATIO	N, ch	еск арр	propriate b	ox, and sup	ply the requisite	e information be	low and	d in a preliminary a	mendm	nent,
or in	an Application Da	ata She	e <u>t u</u> nde	e <i>r 37</i> ivision	CFR 1.	76:	inuation-in-pa		or application No.:				
Prior =	application informati	on:	Examir	ner: _		Group An	t Unit:	_					•
	ONTINULATION OR	DIVIGIO	SNIAL AL	000 -	only: Th	e entire disc	closure of th	e prior application	on, from which ar I application and	n oath o is herel	r declaration is supp by incorporated by r	eference	ier 9.
The in	b, is considered a scorporation can o	nly be r	elied up	on w	hen a po	rtion has b	<u>een inadver</u>	ently omitted from	m the submitted	applicat	ion parts.		
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City		$\overline{}$					State			Zip Code			
Coun	'ry	1,	Α	71	1	1	Telephone	(703) 312-66	00	Fax	(703) 312-6666		
Nam		bren	611	\sqcap	11.			Registration No	o. (Attorney/Agent))	38,694		

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EEE TO ANOMITTAL	Complete if Known				
FEE TRANSMITTAL	Application Number	New U.S. Patent Application			
for FY 2002	Filing Date	January 17, 2002			
101 F 1 2002	First Named Inventor	BROILI, BEN M. Unassigned			
Patent fees are subject to annual revision.	Examiner Name				
	Group Art Unit	Unassigned			
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for FY 2002	Filing Date January 17, 2002				
101 1 1 2002	First Named Inventor BROILI, BEN M.				
Patent fees are subject to annual revision.	Examiner Name Unassigned				
	Group Art Unit Unassigned				
TOTAL AMOUNT OF PAYMENT (\$) 1,262.00	Attorney Docket No. 219.40000X00				
	FEE CALCULATION (continued)				
METHOD OF PAYMENT					
 The Commissioner is hereby authorized to charge indicated fees and credit overpayments to: Deposit Account Number 01-2135 Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP Charge Any Additional Fee Required 	3. ADDITIONAL FEES Large Small Entity Entity Fee Fee Fee Code (\$) Code (\$) Fee Description Fee Paid				
Under 37 CFR 1.1 6 and 1.17	105 130 205 65 Surcharge – late filing fee or oath				
☐ Applicant Claims small entity status. See 37 CFR 1.27	127 50 227 25 Surcharge – late provisional filing fee or cover sheet				
2. Payment Enclosed:	139 130 139 130 Non-English specification				
☐ Check ☑ Credit Card ☐ Money Order ☐ Other	147 2,520 147 2,520 For filing a request for ex parte reexamination				
FEE CALCULATION	112 920* 112 920* Requesting publication of SIR prior to Examination action				
2. BASIC FILING FEE Large Entity Small Entity	113 1,840° 113 1,840°Requesting publication of SIR after Examiner action				
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	115 110 215 55 Extension for reply within first month				
101 740 201 370 Utility filing fee 740.00	116 400 216 200 Extension for reply within second month				
106 330 206 165 Design filing fee	117 920 217 460 Extension for reply within third month				
107 510 207 255 Plant filing fee	118 1,440 218 720 Extension for reply within fourth month				
108 740 208 370 Reissue filing fee	128 1,960 228 980 Extension for reply within fifth month				
114 160 214 80 Provisional filing fee	119 320 219 160 Notice of Appeal				
SUBTOTAL (1) 740.00	120 320 220 160 Filing a brief in support of an appeal				
1. EXTRA CLAIM FEES	121 280 221 140 Request for oral hearing				
Fee from	138 1,510 138 1,510 Petition to institute a public use proceeding 140 110 240 55 Petition to revive – unavoidable				
Extra Claims below Fee Paid					
Total Claims 35 -20** = 15 x 18.00 = 270.00					
Indep. Claims 6-3** = 3 x 84.00 = 252.00	142 1,280 242 640 Utility issue fee (or reissue) 143 460 243 230 Design issue fee				
	144 620 244 310 Plant issue fee				
Multiple Dependent =	122 130 122 130 Petitions to the Commissioner				
Large Entity Small Entity	123 50 123 50 Processing fee under 37 CFR 1.17(q)				
Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt				
Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20	581 40 581 40 Recording each patent assignment per property (times number of properties)				
102 84 202 42 Independent claims in excess of 3	146 740 246 370 For each additional invention to be examined (37 CFR § 1.129(a))				
104 280 204 140 Multiple dependent claim, if not paid 109 84 209 42 **Reissue independent claims	149 740 249 370 For each additional invention to be examined (37 CFR § 1.129(b))				
109 84 209 42 ** Reissue independent claims over original patent	179 740 279 370 Request for Continued Examination (RCE)				
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	169 900 169 900 Request for expedited examination of a design application				
SUBTOTAL (2) \$ 522.00	Other fee (specify)				
· ·	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)				
**or number previously paid, if greater; For Reissues, see above.	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)				

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SUBMITTED BY	^			Comp	olete (if applicable)	
Name (Print/Type)	David C. Oren	Min	Registration No. (Attorney/Agent)	38,694	Telephone	703-312-6600
Signature	W	XIII			Date	01/17/2002

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